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Claim Amendments

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OCT 23 2007

1. (currently amended) A method implemented by a supporting a public switched telephone network (PSTN) switch for providing Internet Protocol, IP, telephone set subscribers with call features comprising the steps of:

receiving at an IP peripheral unit, IPPU, a first IP packet originated by one subscriber using a first IP telephone set containing a request for a first call feature and a telephone directory number of a called party, where the IPPU is contained in the PSTN switch, said PSTN switch only servicing said one subscriber via an IP connection to the first IP telephone set;

transmitting a second message from the IPPU to a packet line trunk unit of a switch module of the PSTN switch where the second message contains the request for the first call feature;

accessing first information contained in a directory database by an applications processor based on the request for the first call feature contained in the second message, the applications processor contained in the PSTN switch;

the applications processor retrieving at least a portion of said first information;

transmitting said at least portion of the first information from the PSTN switch to an IP telephone set subscriber in response to the request for the first call feature.

2. (currently amended) The method according to claim 1 wherein said at least portion of the first information is transmitted to said first the IP telephone set from which the one subscriber that made the request for the first call feature.

3. (original) The method according to claim 1 wherein said request for the first call feature is from a calling party, and said at least portion of the first information is transmitted to a called IP telephone set subscriber.

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4. (original) The method according to claim 1 wherein the transmitting of the second message comprises transmitting a second message that is compatible with peripheral control and timing facilities interface protocol.

5. (original) The method according to claim 1 wherein the first call feature is one of a group including calling name display and directory query display.

6. (currently amended) A method implemented by a supporting Public Switch Telephone Network (PSTN) switch for providing Internet Protocol, IP, telephone set subscribers with call features comprising the steps of:

receiving at an IP peripheral unit, IPPU, a first IP packet originated by one subscriber using a first IP telephone set containing a request for a first call feature and a telephone directory number of a called party, where the IPPU is contained in the PSTN switch, said PSTN switch only servicing said one subscriber via an IP connection to the first IP telephone set;

transmitting a message based on the request for the first call feature to an applications processor that is contained in the PSTN switch;

locating first information contained in a directory database by the applications processor based on the request for the first call feature;

the applications processor retrieving at least a portion of said first information;

transmitting from the PSTN switch said at least portion of the first information to an IP telephone set subscriber in response to the request for the first call feature.

7. (currently amended) The method according to claim 6 wherein said at least portion of the first information is transmitted to said first the IP telephone set from which the one subscriber ~~that~~ made the request for the first call feature.

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8. (original) The method according to claim 6 wherein said request for the first call feature is from a calling party, and said at least portion of the first information is transmitted to a called IP telephone set subscriber.

9. (original) The method according to claim 6 wherein the transmitting of the message comprises transmitting a message that is compatible with peripheral control and timing facilities interface protocol.

10. (original) The method according to claim 6 wherein the first call feature is one of a group including calling name display and directory query display.